LIPSCHITZ APPROXIMATION OF THE $n$-QUADRATIC FUNCTIONAL EQUATIONS

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Abstract. Stability of functional equations is a classical problem proposed by Ulam. Stability of some functional equations are verified in Lipschitz and $L^p$ spaces. In this paper, we prove stability of the $n$-quadratic functional equations in Lipschitz spaces.

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Key words. $n$-quadratic functional equation, Lipschitz space, stability.

REFERENCES


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